



COPY OF PAPERS  
ORIGINALLY FILED

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. ALT-010PR1 (1009/011))

In re Application of: Schultes et al.  
Serial No.: 60/312,887  
Filing Date: August 16, 2001  
Title: THERAPEUTIC ADJUVANTS

RECEIVED

AUG 05 2002

TECH CENTER 1600/2900

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to BOX MISSING PARTS, Commissioner for Patents, Washington, DC 20231 on the date indicated below.

Date:

July 3, 2002

By:

Laura Labier  
Laura Labier

Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL

Dear Sir:

Applicants respectfully submit a Change of Correspondence Address for the above referenced patent application.

Also submitted herewith is a list of all pending patent applications for which the Change of Correspondence Address will apply as well.

No fees are believed to be due in connection with this letter. However, if necessary, please charge any additional costs or credit any overpayment to our Deposit Account No. 50-2285.

59

If there are any questions, please call the undersigned at the telephone number indicated below.

Date: 7/3/02

Respectfully submitted,

W. A. Keown  
Wayne A. Keown  
Registration No. 33,923

Keown & Associates  
500 West Cummings Park  
Suite 1200  
Woburn, MA 01801  
Tel. (718) 938-1805  
Fax. (718) 938-4777



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

**FILE COPY**  
CONFIRMATION NO. 2601

<b>SERIAL NUMBER</b> 09/845,623	<b>FILING DATE</b> 04/30/2001 <b>RULE</b>	<b>CLASS</b> 536	<b>GROUP ART UNIT</b> 1623	<b>ATTORNEY DOCKET NO.</b> 47508.528
------------------------------------	---	---------------------	-------------------------------	---

**APPLICANTS**

Sudhir Agrawal, Shrewsbury, MA;  
Ekambar Kandimalla, Southboro, MA;

**RECEIVED**

AUG 05 2002

**\*\* CONTINUING DATA \*\*\*\*\***

THIS APPLN CLAIMS BENEFIT OF 60/201,578 05/01/2000

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

TECH CENTER 1600/2900

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

\*\* 06/26/2001

Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no	<b>STATE OR COUNTRY</b> MA	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 22	<b>INDEPENDENT CLAIMS</b> 4
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

**ADDRESS**

32254

**TITLE**

Modulation of oligonucleotide CpG-mediated immune stimulation by positional modification of nucleosides

<b>FILING FEE RECEIVED</b> 478	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number	60/312,887
Filing Date	8/16/01
First Named Inventor	Schultes
Art Unit	N/A
Examiner Name	N/A
Attorney Docket Number	ALT-010PR1

Please change the Correspondence Address for the above-identified application to:



Customer Number

32254

Type Customer Number here



32254

PATENT TRADEMARK OFFICE

OR

COPY OF PAPERS  
ORIGINALLY FILEDFirm or  
Individual Name

Wayne A. Keown

Address

500 West Cummings Park

Address

Suite 1200

City

Woburn

State

MA

ZIP

01801

Country

USA

Telephone

781-938-1805

Fax

781-938-4777

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :



Applicant/Inventor.



Assignee of record of the entire interest.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).



Attorney or Agent of record.



Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed  
Name

Wayne A. Keown (Reg. No. 33,923)

Signature

Date

July 3, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED

AUG 05 2002

TECH CENTER 1600/2900

Wednesday, July 03, 2002

## Patent List

Page: 2

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
ALT-010/P1 United States of America	PRO	60/112,881 16-Aug-2001			Pending 16-Aug-2002
<i>Title:</i> THERAPEUTIC ADJUVANTS					
ALT-011/P1 United States of America	PRO	60/301,001 26-Jun-2001			Pending 26-Jun-2002
<i>Title:</i> MODULATION OF THE IMMUNE SYSTEM UTILIZING BINDING AGENTS TARGETING IMMUNE REGULATORY RECEPTORS					
ALT-012/P1 United States of America	PRO	60/149,686 17-Jan-2002			Pending 17-Jan-2003
<i>Title:</i> CANCER THERAPEUTICS					
ALT-013/P1 United States of America	PRO	60/339,240 26-Oct-2001			Pending 26-Oct-2002
<i>Title:</i> COMBINATION THERAPY FOR TREATING DISEASE					
ALT-014/P1 United States of America	PRO	60/271,399 21-Mar-2001			Pending 21-Mar-2002
<i>Title:</i> THERAPEUTIC COMPOSITIONS THAT ALTER THE IMMUNE RESPONSE					
ALT-015/P1 United States of America	PRO	60/271,399 11-Apr-2002			Pending 11-Apr-2003
<i>Title:</i> BINDING AGENTS AND THEIR USE IN TARGETING TUMOR CELLS					
HYB-001/2 United States of America	CON	60/271,399 12-Jun-2002			Pending
<i>Title:</i> OLIGONUCLEOTIDE MEDIATED SPECIFIC CYTOKINE INDUCTION AND IN VIVO PROTECTION FROM INFECTION					
HYB-002/1 United States of America	ORD	09/639,250 14-Aug-2000			Pending
<i>Title:</i> MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES					
HYB-004/1 United States of America	ORD	09/712,898 15-Nov-2000			Pending
<i>Title:</i> MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES					

Wednesday, July 03, 2002

## Patent List

Page: 3

Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
HYB-004/2 United States of America	ORD	09/047,623 30-Apr-2001			Pending
<i>Title:</i> MODULATION OF OLIGONUCLEOTIDE CpG-MEDIATED IMMUNE STIMULATION BY POSITIONAL MODIFICATION OF NUCLEOSIDES					
HYB-005/1 United States of America	ORD	09/965,116 26-Sep-2001			Pending
<i>Title:</i> IMMUNOSTIMULATORY OLIGONUCLEOTIDES CONTAINING 5-HYDROXY DEOXYCYTOSINE OR N4-ETHYL-DEOXYCYTOSINE					
HYB-006/ United States of America	ORD	10/137,687 02-May-2002			Pending
<i>Title:</i> IMMUNOSTIMULATORY ACTIVITY OF CpG OLIGONUCLEOTIDES CONTAINING NON-IONIC METHYLPHOSPHORATE LINKAGES					
HYB-007/P1 United States of America	PRO	60/344,767 24-Oct-2001			Pending 24-Oct-2002
<i>Title:</i> MODULATION OF IMMUNOSTIMULATORY OLIGONUCLEOTIDE COMPOUNDS BY OPTIMAL PRESENTATION OF 5' ENDS					
HYB-008/P1 United States of America	PRO	60/376,623 30-Apr-2002			Pending 30-Apr-2003
<i>Title:</i> MODULATION OF IMMUNE STIMULATION EFFECTS OF IMMUNOSTIMULATORY OLIGONUCLEOTIDES BY OPTIMAL PRESENTATION OF 5' ENDS					
IMM-001/P1 United States of America	PRO	60/343,335 21-Dec-2001			Pending 21-Dec-2002
<i>Title:</i> KNOCKOUT SWINE AND METHODS FOR MAKING THE SAME					
MET-002/1 United States of America	ORD	10/051,819 14-Jan-2002			Pending
<i>Title:</i> COMPOSITIONS AND METHODS FOR THE INHIBITION OF HISTONE DEACETYLASE-4					
MET-003/4 United States of America	DIV	09/557,996 24-Apr-2000			Pending
<i>Title:</i> DNA METHYLTRANSFERASE ANTISENSE OLIGONUCLEOTIDES					
MET-004/1 United States of America	ORD	10/052,390 14-Jan-2002			Pending
<i>Title:</i> METHOD FOR SPECIFICALLY INHIBITING DEACETYLASE-4					